

## **MODULE III - CONTAINERS**

### **III.A. APPLICABILITY**

III.A.1. The provisions of this module apply to the storage of hazardous waste in containers identified in Condition III.A.2 of this module and General Facility Descriptions (Attachment 6). The Permittee shall comply with R315-8-9 and all conditions of this Module.

III.A.2. The designated hazardous waste storage areas are listed below:

III.A.2.a Storage Igloos - Container storage of wastes with free liquids

III.A.2.b Building 4536 - Container storage of wastes without free liquids

III.A.2.c Building 4107 - Container storage of wastes with free liquids. Waste pile storage

III.A.2.d Conex - Container Storage for wastes without free liquids

III.A.2.e Buildings 1825 and 1835 – Container storage of wastes with free liquids

### **III.B. PERMITTED AND PROHIBITED WASTE IDENTIFICATION**

III.B.1. The Permittee may store the following hazardous wastes,, in containers at the Facility subject to the terms of this Permit:

III.B.1.a D001, D002, D003, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D027, D028, D029, D030, D032, D034, D035, D036, D037, D0039, D0040, D043, F001, F002, F003, F005, U037, U044, U127, U131, U165, U210, P030, P033, P095, F999, P999.

III.B.2. The Permittee is prohibited from storing hazardous waste that is not identified in Permit Condition III.B.1.a. Any addition of hazardous waste to Condition III.B.1.a requires modification of the permit as specified in R315-3- 3.4.3 and 40 CFR 270.42.

### **III.C. CONDITION OF CONTAINERS**

III.C.1 If a container holding hazardous waste is not in good condition (e.g., severe rusting, apparent structural defects) or if it begins to leak, the Permittee shall transfer the hazardous waste, or the container itself, to a Department of Transportation (DOT) approved container in accordance with R315-8-9.2 as soon as possible but not later than 24 hours from the time the problem was discovered.

### **III.D. COMPATIBILITY OF WASTE WITH CONTAINERS**

III.D.1 The Permittee shall assure that the waste is compatible with the containers as required by R315-8-9.3. The types of containers to be used for storage are indicated in Container Management (Attachment 12).

III.D.2. The Permittee shall follow the compatibility procedures identified in Container Management (Attachment 12).

**III.E.      MANAGEMENT OF CONTAINERS**

- III.E.1      As required by R315-8-9.4, the Permittee shall keep all containers closed during storage, except when it is necessary to add or remove waste, and shall not open, handle, or store containers in a manner, which may rupture the container or cause it to leak.
- III.E.2      The Permittee shall manage containers as specified in Container Management (Attachment 12).
- III.E.3      The Permittee shall not store or stack containers higher than specified in Attachment 12.
- III.E.4      The Permittee shall unload any properly manifested transport vehicle hauling containers of hazardous waste for storage within 10 days following arrival at the site. Arrival for purposes of this permit shall be the day the vehicle arrives at the facility.
- III.E.5      The Permittee shall maintain proper aisle space as specified in R315-8-3.6 and Attachment 12.
- III.E.6      The Permittee shall meet the secondary containment requirements of R315-8-9.6.

**III.F.      CONTAINMENT SYSTEMS**

- III.F.1      The Permittee shall maintain the containment systems in accordance with R315-8-9.6 and as specified in Attachment 12.
- III.F.2      The container management areas and example stacking configurations are shown in Attachment 12. At capacity, the Permittee may store the following volumes of wastes:
- III.F.2.a.      Storage Igloos - 1,203,840 gallons, which is 21,888 fifty-five-gallon containers or the equivalent;
- III.F.2.b.      Building 4536 - 83,160 gallons, which is 1,512 fifty-five-gallon containers or the equivalent;
- III.F.2.c      Building 4107 – Container storage 42,240 gallons; Waste pile 278 cubic yards (7500 cubic ft.).
- III.F.2.d.      OB/OD Conex - 440 gallons, which is eight 55-gallon containers or the equivalent;
- III.F.2.e      Building 1825 and 1835 – Container storage 658,240 gallons, which is 11,968 55-gallon containers or the equivalent.
- III.F.3      Container management areas shall be inspected for the presence of free liquids in accordance with the Inspection Plan (Attachment 2). Sumps or drip pans that provide secondary containment for hazardous waste management units shall not be used to store hazardous waste. If free liquids are discovered at Building 4107 the Permittee shall identify the location of the release in the inspection log. Any liquids discovered in Building 4107 drip pans shall be removed immediately, but in no case later than twenty-four hours after the liquid is discovered, and managed according to the spill contingency plan outlined in Section II of Attachment 4.
- III.F.4.      For purposes of determining compliance with permitted storage capacity, all containers stored in

the hazardous waste storage areas shall be considered full to their respective capacities with hazardous waste.

**III.G. SPECIAL REQUIREMENTS FOR IGNITABLE OR REACTIVE WASTE**

- III.G.1. The Permittee shall not locate containers holding ignitable or reactive waste within 15 meters (50 feet) of the Facility boundary as required by R315-8-9.7.
- III.G.2. The Permittee shall take precautions to prevent accidental ignition or reaction of ignitable or reactive waste and follow the procedures as specified in the Preparedness and Prevention Plan (Attachment 10) and R315-8-2.8(a).

**III.H. SPECIAL REQUIREMENTS FOR INCOMPATIBLE WASTE**

- III.H.1. The Permittee shall not place incompatible wastes, or incompatible wastes and materials, in the same container unless the procedures in Attachment 12 are followed as specified in R315-8-9.8(a).
- III.H.2. The Permittee shall not place hazardous waste in an unwashed container that previously held an incompatible waste or material as specified in R315-8-9.8(b).
- III.H.3. Where wastes are placed into a container not fitted with a disposal liner and the container previously held an incompatible waste or material, the Permittee shall document compliance with Condition III.H.2. as required by R315-8-2-8(c) and shall place this documentation in the Operating Record.
- III.H.4. The Permittee shall separate containers of incompatible wastes in accordance with R315-8-9.8.

**III.I. INSPECTION SCHEDULES AND PROCEDURES**

- III.I.1. The Permittee shall inspect the container storage area at least weekly and in accordance with the Inspection Schedule (Attachment 2) as specified in R315-8-9.5, to detect leaking containers, standing liquids, and deterioration of containers and to detect deterioration of or liquids in, the secondary containment system caused by corrosion or other factors.
- III.I.2. If problems are observed during the inspections described in Condition II.E., the Permittee shall correct the problem as specified in R315-8-2.6(c) and (d) and in Attachment 2.
- III.I.3. When loading and unloading activities are occurring, the container storage area shall be inspected immediately upon completion of the loading or unloading activities.

**III.J. RECORDKEEPING**

- III.J.1. The Permittee shall place the results of all waste analyses and any other documentation showing compliance with the requirements Conditions III.H.1 and III.H.2 and of R315-8-9.8 and R315-8-2.8(b) in the facility operating record as specified in R315-8-5.3. The Permittee shall maintain compliance with Condition II.F as it provides the basis for correcting problems identified during inspections of container management areas.

**III.K.      CLOSURE**

- III.K.1      At closure of the container area, the Permittee shall remove all hazardous waste and hazardous waste residues from the containment system, in accordance with the procedures in the Closure Plan (Attachment 5) and as specified in R315-8-7 and R315-8-9.9.